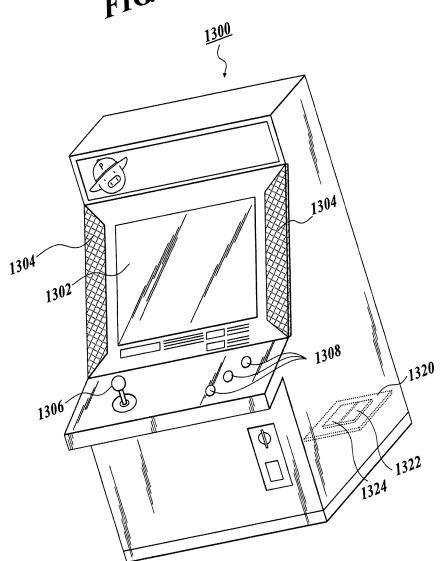
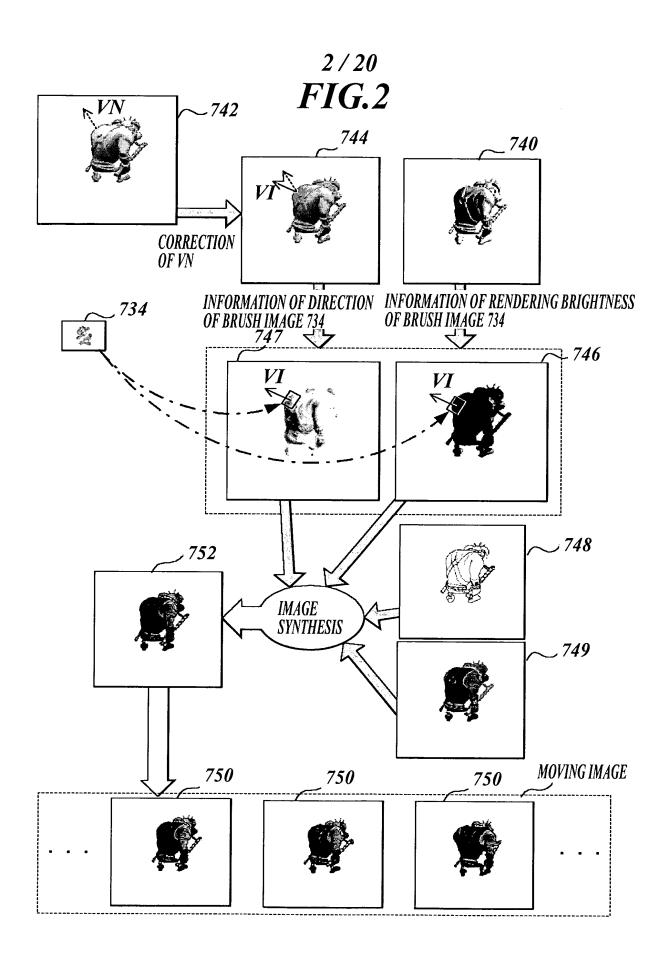
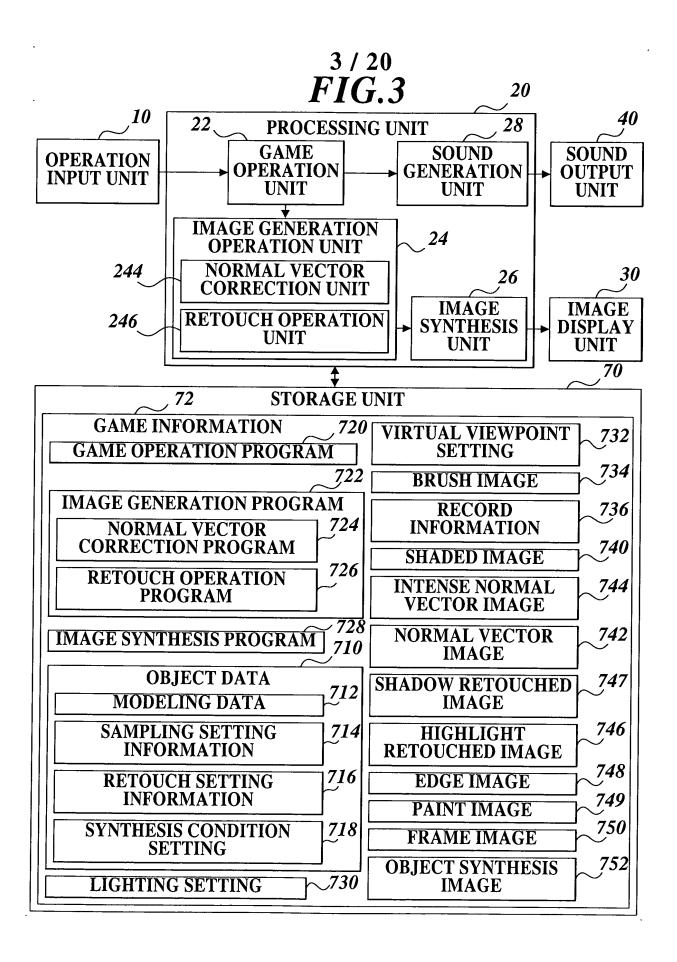
1|20 FIG.1







4/20 FIG.4

7	1	1
/	1	4

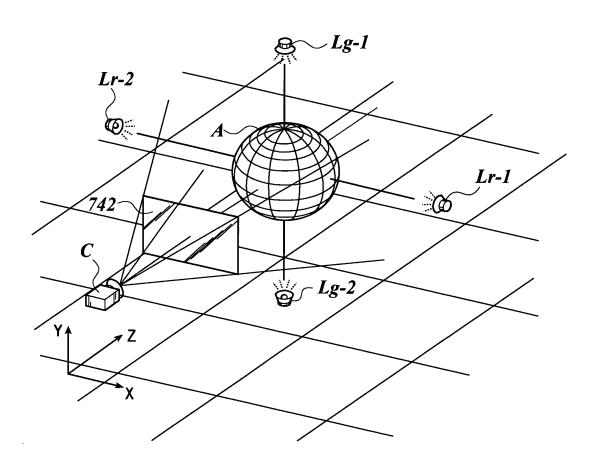
OBJECT ID	DRAGON A
SAMPLING IMAGE	INTENSE NORMAI VECTOR IMAGE
SAMPLING TYPE	RANDOM
RANDOM PATTERN	RANDOM ii
SAMPLING CURVE	CURVE A
SAMPLING CURVE OFFSET QUANTITY	3
SAMPLING NUMBER	100

5/20 FIG.5

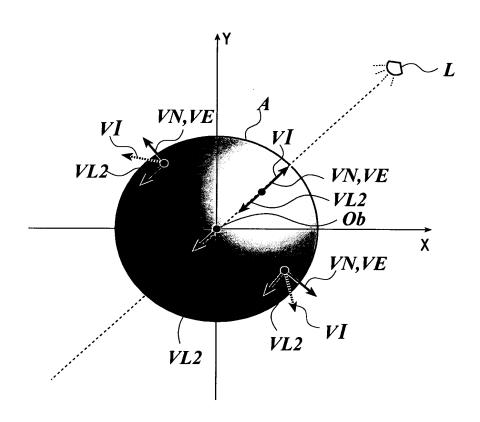
716

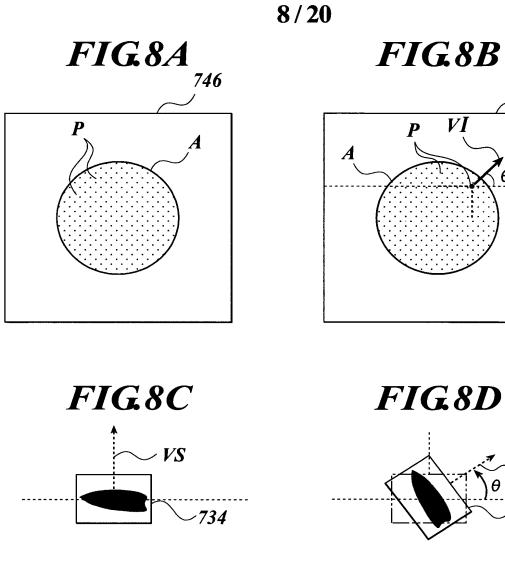
RETOUCH SETTING INFORMATION		
6a	OBJECT ID	DRAGON A
5b	USING BRUSH	brush_n11
$ic \checkmark$	BRUSH SIZE	100(%)
6d	BRUSH ROLL	60(°)
Sf \checkmark	BRUSH MOVEMENT RANGE	15 (PIXELS)
6e	BRUSH REPEAT NUMBER	3
ig $\sqrt{}$	RANDOM SETTING METHOD	EVERY FRAME
$5h \checkmark $	POSITION OFFSET RANGE	-5 ~ +5 (PIXELS)
őj 🕌	POSITION OFFSET VARIATION	2 (PIXELS)
	ROTATION OFFSET RANGE	-7 ~ +7 (°)
m	COLOR SAMPLING MATERIAL	PAINT IMAGE
$n \checkmark $	COLOR SAMPLING CURVE	CURVE A
	CURVE OFFSET	3
or \	BRUSH COLOR	(R,G,B)=(112, 150, 250)
i_s	COLOR NUMBER	256

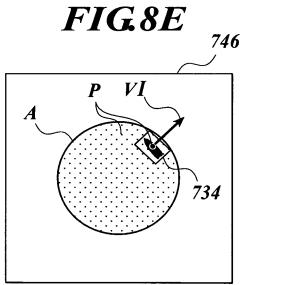
6/20 **FIG 6**

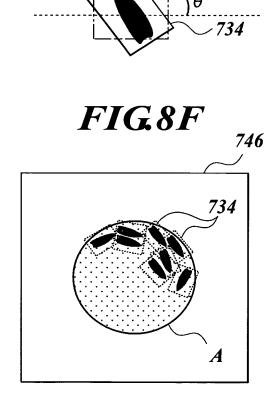


7/20 **FIG.** 7









9/20 **FIG.9**A

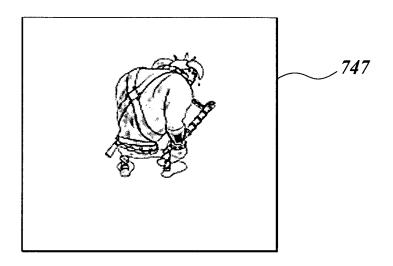
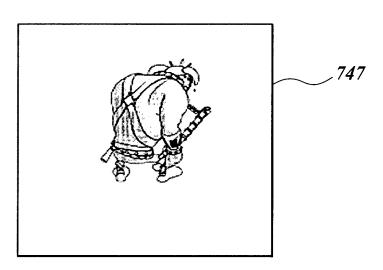


FIG.9B



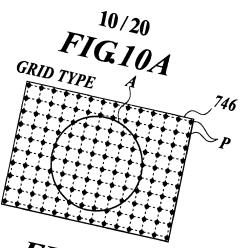
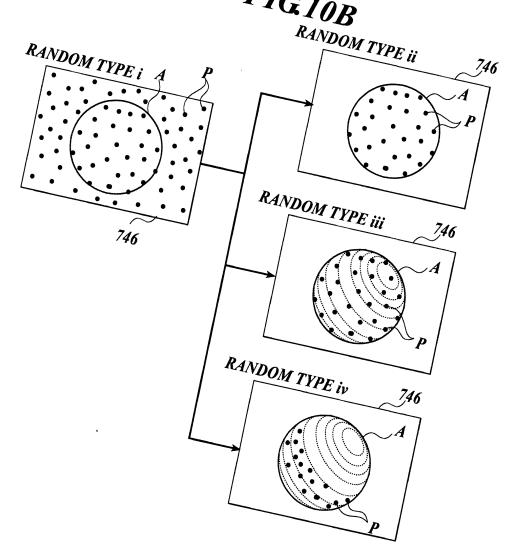
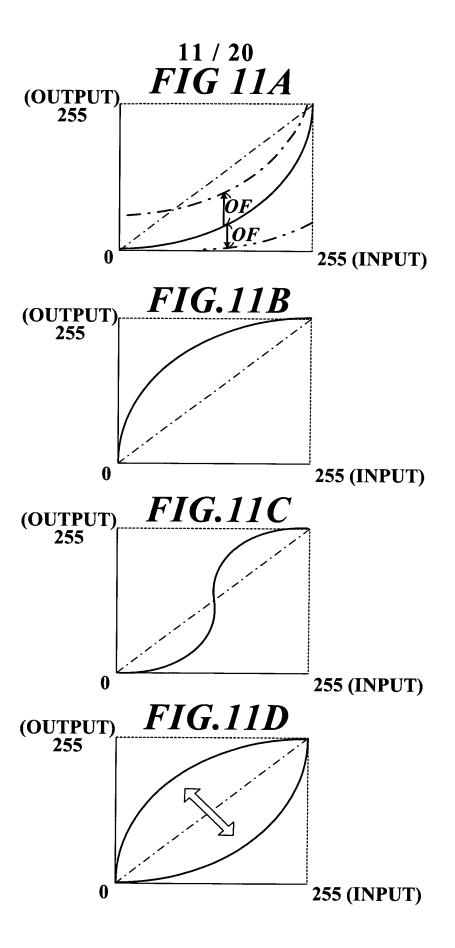


FIG10B





12/20 FIG.12A

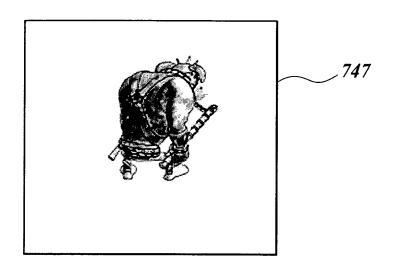
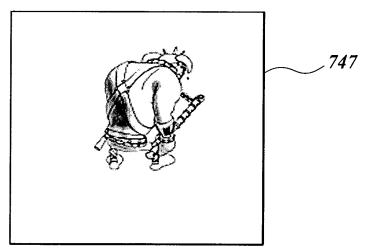


FIG.12B



13/20 FIG.13A

OFFSET(deg)

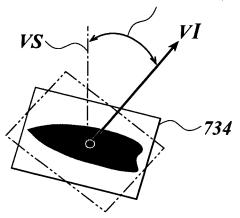


FIG.13B

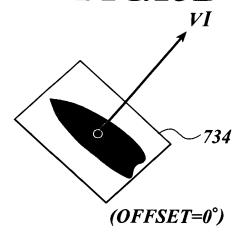
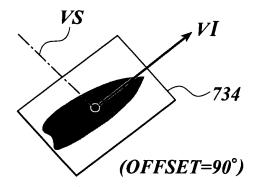
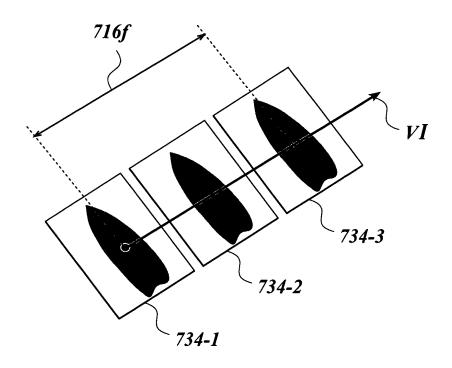


FIG.13C



14/20 **FIG.14**



15/20 FIG15A

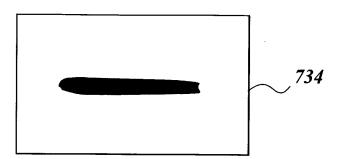


FIG.15B

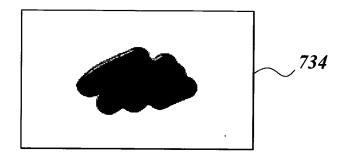


FIG.15C

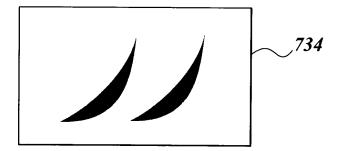
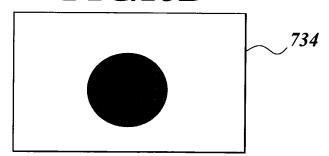


FIG.15D



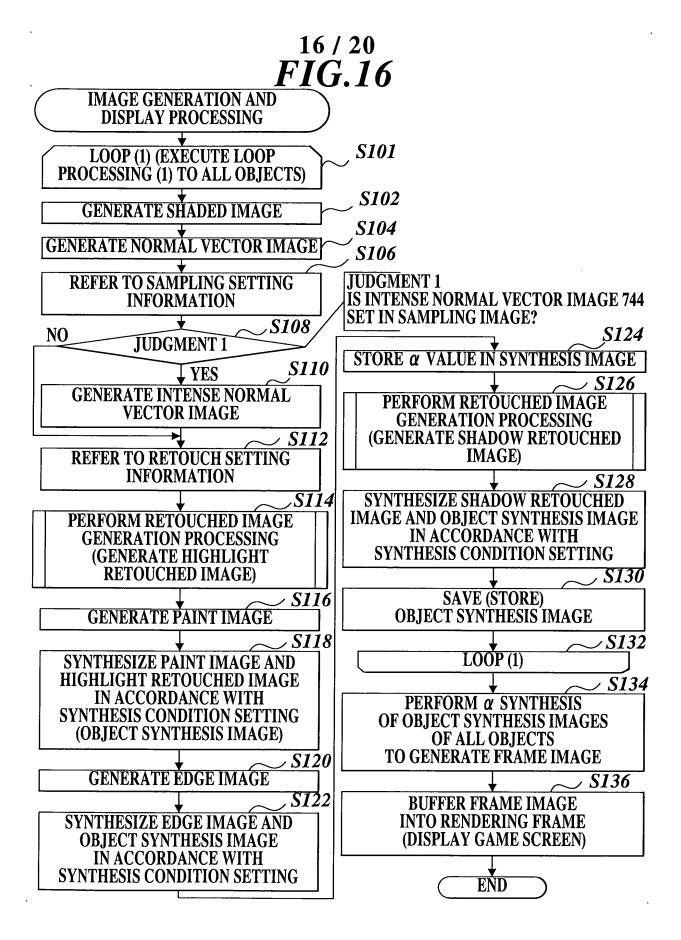
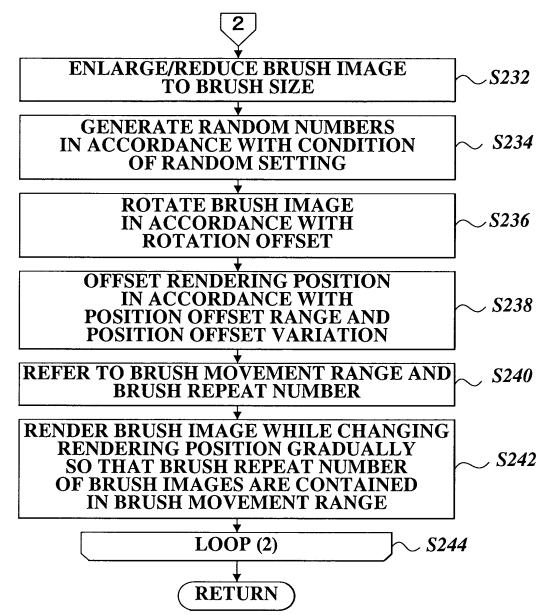


FIG.17RETOUCHED IMAGE GENERATION PROCESSING PERFORM SAMPLING POINTS SETTING PROCESSING , S202 LOOP (2) (EXECUTE LOOP PROCESSING (2) S204 TO ALL SAMPLING POINTS) READ BRUSH IMAGE $\sim S206$ CALCULATE INTENSE NORMAL VECTOR VI S208 BASED ON COLOR INFORMATION OF SAMPLING IMAGE S210 ROTATE BRUSH IMAGE IN DIRECTION OF INTENSE NORMAL VECTOR VI S212 ROTATE BRUSH IMAGE BY SPECIFIED DEGREE OF BRUSH ROLL S216 S214 **CONVERT BRUSH IMAGE** YES IS BRUSH COLOR FROM GRAY SCALE **SPECIFIED?** TO COLOR SCALE OF **BRUSH COLOR** NO S218 IS NOT COLOR SAMPLING NO MATERIAL SPECIFIED? S222 S219 **YES OBTAIN COLOR INFORMATION** REFER TO BRIGHTNESS OF COLOR SAMPLING MATERIAL OF POSITION OF SAMPLING POINT OF SHADED IMAGE S224 OFFSET SAMPLING FUNCTION CONVERT GRAY SCALE OF BRUSH IMAGE BASED ON CONVERT BRUSH IMAGE FROM GRAY SCALE REFERRED BRIGHTNESS TO COLOR SCALE OF COLOR AFTER CORRECTION OF BRUSH COLOR S220 S226 S228 GRADATE SCALE OF BRIGHTNESS YES IS COLOR NUMBER OF BRUSH IMAGE SPECIFIED? TO SPECIFIED COLOR NUMBER ΝO S230

17 / 20

18 / 20 FIG. 18



19 / 20 FIG.19

